

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:1824

ANSWERED ON:26.07.2017

Indigenous Satellites

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**Will the Minister of SPACE be pleased to state:**

- (a) the details of satellites being operated by the country at present;
- (b) whether the Government is seeking foreign aid/cooperation for operating these satellites and if so, the amount of fund spent for operation of foreign satellites each year;
- (c) the extent to which indigenous satellites are being used; and
- (d) the modalities worked out by the Government for developing indigenous satellites in the country?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE  
(DR. JITENDRA SINGH):

(a) At present, there are 42 Indian satellites operational in orbit comprising of:

- i. Fifteen Communication Satellites namely, INSAT-4A, 4B & 4CR, GSAT-6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 18 & 19.
  - ii. Fourteen Earth Observation Satellites namely, Resourcesat-1, 2 & 2A, RISAT-2, Cartosat-1, Cartosat-2, Cartosat-2 Series (5 Nos.), Oceansat-2, SARAL & SCATSAT-1.
  - iii. Four Meteorological Satellites namely, Kalpana-1, INSAT-3D& 3DR and Megha-Tropiques.
  - iv. Seven Navigational Satellites namely, IRNSS-1A, 1B, 1C, 1D, 1E, 1F & 1G.
  - v. Two Space Science Satellites namely, Mars Orbiter Mission & Astrosat.
- (b) No, Madam. Government is not seeking any foreign aid/ cooperation for operating these satellites. Indian Space Research Organisation (ISRO) is not operating any foreign satellites.

(c) The currently operational indigenous satellites are being utilised to support various applications and services in the area of resource monitoring, weather forecasting, telecommunication, broadcasting, disaster management, location based services, including host of societal applications.

(d) ISRO has been developing satellites indigenously since 1975. Except the first generation INSAT satellites, all communication satellites have been built indigenously. All the earth observation, meteorological, navigation and space science satellites have been developed indigenously by ISRO.

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